

November 5, 2002

## FIELD OFFICE TECHNICAL GUIDE

### CHANGE NOTICE 89

**Purpose.** To transmit technical documents to be inserted into the local FOTG.

**Effective.** This notice is effective when received.

#### Section I

**Appendix A - Glossary of ESA Terms** - This glossary is provided to assist conservation planners to effectively provide technical assistance within the guidelines of the Endangered Species Act (ESA).

**Wild and Scenic Rivers (WSR)** - This information provides a brief overview of the Wild and Scenic Rivers Act, our responsibilities associated with the Act, and guidance on how to obtain additional information.

**NRCS - CPA - 38 Request for Certified Wetland Determination or Delineation** - This is the revised new national form that has previously been sent to all offices from the State Wetland Specialist. Please use this current form when obtaining requests for certified wetland determinations or delineations.

### FILING INSTRUCTIONS

#### Remove

--

Wild and Scenic Rivers (WSR), 8/02, located behind the State & Local Laws tab in Section I.

--

#### Insert

Appendix A - Glossary of ESA Terms, pg. 4 - 12, 10/02, following Endangered Species Act of 1973, pg. 3, 8/02, behind the State & Local Laws tab in Section I.

Wild and Scenic Rivers (WSR), 11/02, behind the State & Local Laws tab in Section I.

NRCS-CPA-38 form behind the Florida Wetland Mapping Conventions and Procedures found behind the NFSAM Information tab in Section I.

- MORE -

## Section III

**Resource Management Systems and Quality Criteria** - The enclosed revised Section III replaces all contents of the current Section III of the FOTG. Archive all current contents of Section III and maintain in the Service Center/Field Office so it may be referred to as it may pertain to existing and previous contracts. This section will be expanded to reflect new Farm Bill program quality criteria, as rules become available.

### FILING INSTRUCTIONS

#### Remove and Archive

All parts of Section III of the FOTG.

#### Insert

Resource Management Systems & Quality Criteria,  
11/02

## Section IV

**Agrichemical Handling Facility (702)** – This Florida interim standard was released in 1997. This update is a part of the required minimum 5-year cycle to keep conservation practice standards current. There are only minor changes to this standard.

**Channel Stabilization (584)** – This national standard is a substantial revision of the 1977 version. The most significant change is reflected in the name change from "Stream Channel Stabilization" to "Channel Stabilization" to reflect the emphasis on any channel that conveys water. The standard now applies to any channel design for the purposes of fixing an unstable bottom, as well as designing a stable bottom. The 1977 version was only for stabilizing unstable stream channel bottoms.

**Dam (402)** – This national conservation practice standard has been updated to current format and replaces existing practice standards on Dam, Floodwater Retarding (402) and Dam, Multi-Purpose (349). The definition of a dam has been updated to agree with Federal dam safety laws. Applicability of cross referenced design criteria has been clarified. Cultural resources and, fish and wildlife habitat considerations have been added.

**Dam, Diversion (348)** - This national conservation practice standard has been updated to the current format. The definition was revised and additional considerations were added.

**Dam, Floodwater Retarding (402)** – This national conservation practice standard is being withdrawn. The information from this standard is now contained in Dam (402).

**Dam, Multi-Purpose (349)** – This national conservation practice standard is being withdrawn. The information from this standard is now contained in Dam (402).

**Dike (356)** – This Florida conservation practice standard has been updated to current format.

**Floodwater Diversion (400)** – This national conservation practice standard is being withdrawn. Use of this standard has been very limited. Criteria contained in this standard are included in Dike (356) or Diversion (362).

**Floodway (404)** – This national conservation practice standard is being withdrawn. Use of this standard has been very limited. Criteria contained in this standard are included in Dike (356) or Diversion (362).

**Grade Stabilization Structure (410)** - This Florida conservation practice standard has been revised to current date with minor changes.

**Irrigation System, Sprinkler (442)** – This Florida conservation practice standard has been revised to a current date with minor changes.

**Irrigation System, Subirrigation (754)** – This Florida interim standard was released in 1997. This update is a part of the required minimum 5-year cycle to keep conservation practice standards current. Changes include revising the capacity requirements to prevent significant fluctuation of the water table, revision and clarification of stormwater removal, and the addition of the subirrigation systems ebb and flow and capillary mat.

**Lined Waterway or Outlet (468)** – This Florida conservation practice standard has been updated to the national format. The definition has been changed to allow the use of synthetic turf reinforcement fabrics. Figure 2 has been removed and referenced to Appendix 16A, Engineering Field Handbook. A new design method has been added. A Considerations Section and an Operation and Maintenance Section have been added.

**Obstruction Removal (500)** - This national conservation practice standard has been updated to the current format.

**Pond (378)** – This Florida conservation practice standard has been updated include current national information and nomenclature. Design tables for required pipe strength has been replaced with generic design criteria to enable use of wider range of pipe materials. Additional information has been added on geologic investigations, cultural resources and, fish and wildlife habitat considerations.

**Pond Sealing or Lining, Asphalt-Sealed Fabric Liner (521E)** – This national conservation practice standard is being withdrawn. Materials for this practice are no longer readily available.

**Pond Sealing or Lining, Cationic Emulsion-Waterborne Sealant (521D)** – This national conservation practice standard is being withdrawn.

**Pumping Plant (533)** – This Florida conservation practice standard revisions include deleting “for Water Control” from the title, reformatting, and adding the following:

- A Considerations Section,
- An Operation and Maintenance Section,
- Criteria for transfer of wastewater or manure under the pump requirements
- Requirements for availability of fuel or power as selection criteria under the power units section, and
- A backflow prevention requirement under suction and discharge pipes section.

**Surface Drainage Main or Lateral (608)** – This Florida conservation practice standard revision includes reformatting, removing purposes that apply to Subsurface Drainage (606) and Surface Drainage-Field Ditch (607) and adding the following:

- A Considerations section,
- An Operation and Maintenance section,
- References to Engineering Field Handbook (EFH) Part 650, Chapter 14, Section 650.1412 for criteria for side slopes, values of  $n$  for determining channel design capacity, and minimum berm widths in lieu of including tables in the standard.
- There are additional changes under criteria in the sections on depth, cross section, velocity, and the first paragraph of related structures and ditch protection.

**Stormwater Wet Detention/Chemical Treatment System (787)** – This is a new Florida interim conservation practice standard developed for use on lands to address stormwater runoff where conventional conservation practices can not achieve the water quality goals.

**Upland Wildlife Habitat Management (645)** - This Florida conservation practice standard reflects the new national name and provides updated information pertinent to upland wildlife habitat management for conservation planning purposes.

## **FILING INSTRUCTIONS**

### **Remove**

Agrichemical Handling Facility, Code 702 (6/97)  
Channel Stabilization, Code 584 (10/77)  
Dam, Code 402 (10/77)  
Dam, Diversion, Code 348 (1/81)  
Dam, Floodwater Retarding, Code 402  
Dam, Multi-Purpose, Code 349 (10/78)  
Dike, Code 356 (10/80)  
Floodwater Diversion, Code 400 (10/77)  
Floodway, Code 404 (10/77)  
Grade Stabilization Structure, Code 410 (11/96)  
Irrigation System, Sprinkler, Code 442 (11/96)  
Irrigation System, Subirrigation, Code 754 (11/97)  
Lined Waterway or Outlet, Code 468 (10/77)  
Obstruction Removal, Code 500 (10/83)  
Pond, Code 378 (11/97)  
-----  
-----  
Pond Sealing or Lining, Asphalt-Sealed Fabric  
Liner, Code 521E (10/77)  
Pond Sealing or Lining, Cationic Emulsion-  
Waterborne Sealant, Code 521D (10/77)  
Pumping Plant, Code 533 (10/77)  
-----  
-----  
Surface Drainage – Main or Lateral, Code 608  
(10/78)

### **Remove**

Wildlife Upland Habitat Management, Code 645,  
(10/83)



GREG HENDRICKS  
State Resource Conservationist  
DIST: ASTC/FO, FO, ENG, PMC

### **Insert**

Agrichemical Handling Facility, Code 702 (10/027)  
Channel Stabilization, Code 584 (07/02)  
Dam, Code 402 (7/02)  
Dam, Diversion, Code 348 (5/02)  
-----  
-----  
Dike, Code 356 (10/02)  
-----  
-----  
Grade Stabilization Structure, Code 410 (11/02)  
Irrigation System, Sprinkler, Code 442 (10/02)  
Irrigation System, Subirrigation, Code 754 (10/02)  
Lined Waterway or Outlet, Code 468 (10/02)  
Obstruction Removal, Code 500, (5/02)  
Pond, Code 378 (10/02)  
Pond, Embankment, CS-EMB-378 (10/02)  
Pond, Embankment, CS-EXC-378 (10/02)  
-----  
-----  
Pumping Plant, Code 533 (10/02)  
Pumping Plant, CS-533 (10/02)  
Stormwater Wet Detention/Chemical Treatment  
System, Code 787 (10/02)  
Surface Drainage – Main or Lateral, Code 608  
(10/02)

### **Insert**

Upland Wildlife Habitat Management, Code 645,  
(9/02)